REMARKS

Applicant cancels claims 2-3. Claims 1 and 4-7 remain pending in the application. Applicant amends claims 1 and 7 to incorporate features that correspond to those of claims 2 and 3. No new matter has been added.

Claims 1-7 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,014,694 to Aharoni et al. Applicant amends claims 1 and 7 to incorporate features that correspond to those of claims 2 and 3, and respectfully traverse the rejection.

The Examiner cited col. 18, lines 55-65 and col. 13, lines 1-10 of Aharoni et al. as alleged disclosure of the claimed timing control section features. Page 4, lines 1-4 of the Office Action. Aharoni et al. only describe

> "[t]he rate controller 222 functions as a bandwidth controller executing the bandwidth measurement methods described earlier and is operative to select which of the video servers #1 through #N to transmit to the video client 220. For each client, ***data from only one video server is sent at any one time***." Col. 18, lines 56-61 of Aharoni et al., and

> "different video servers can be utilized to send video/audio data for other GOPs since the compression level for a GOP is independent of the compression levels used for other GOPs." Col 18, lines 62-65 Aharoni et al. (Emphasis added)

And col. 13, lines 1-10 of Aharoni et al. only includes description of receipt acknowledgement by a client to a packet transmitter, and the packet transmitter having a transmission buffer for holding a packet until receipt is acknowledged.

Thus, Aharoni et al., as cited and relied upon by the Examiner, fail to disclose shifting output timing of video data on a frame basis—namely, a timing control section shifting output timing of a data stream from each compressing/encoding section by one frame.

In addition, Aharoni et al. do not disclose providing each video server with a compressing/encoding function for video signals, but only describe a video compression/file

generator 212 with this function. Please see Fig. 15 of Aharoni et al. The rate controller 222 does not control the video compression/file generator 212. Therefore, Aharoni et al. fail to teach controlling and shifting timings for starting compression/encoding processes of a plurality of compressing/encoding sections.

In other words, Aharoni et al., as cited and relied upon by the Examiner, fail to disclose,

> "[a] data transmission device for generating a plurality of compressed/encoded data of different bit rates from a single video signal and simultaneously transmitting the compressed/encoded data onto a network, comprising:
>
> a synchronizing signal detection section for detecting a vertical synchronizing signal and a color synchronizing signal from the video signal input thereto, wherein the video signal comprises an NTSC composite signal;
>
> ***a plurality of compressing/encoding sections*** for compressing/encoding the video signal to generate data streams of different bit rates, respectively, wherein the compressing/encoding sections generate data streams having the same sequence of picture types;
>
> a timing control section for controlling said compressing/encoding sections in accordance with the detected synchronizing signal such that timings for starting ***compression/encoding processes in said compressing/encoding sections*** are ***shifted from one another in units of frame***; and
>
> a multiplexing section for sequentially multiplexing the data streams generated respectively by said compressing/encoding sections and transmitting the multiplexed data onto the network,
>
> wherein the timing control section causes one of said compressing/encoding sections to start the compression/encoding process when frame start timing of the video signal derived based on the vertical synchronizing signal coincides with rise timing of a chrominance subcarrier signal synchronized with the color synchronizing signal, and causes a different one of said compressing/encoding sections to start the compression/encoding process when the frame start timing coincides thereafter with fall timing of the chrominance subcarrier signal," as recited in claim 1. (Emphasis added)

Accordingly, Applicant respectfully submits that claim 1, together with claims 4-6 dependent therefrom, is patentable over Aharoni et al. Claim 7 incorporates features that

correspond to those of claim 1 cited above, and is, therefore, patentable over Aharoni et al. for at least the same reasons.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

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